Application No. Applicant(s) Index of Claims 09/975,055 MURAKAMI ET AL. Examiner Art Unit Chau N Nguyen 2831 (Through numeral) Cancelled Rejected Non-Elected **Appeal** N Α Allowed ÷ Restricted 0 Interference Objected Claim Date Claim Date Date

	$\overline{}$	1.0			-			$\overline{}$	$\overline{}$	┥			<del></del>	_		_			_					ш.				·
Final	Originat	2/2/3									Final	Original										Final	Original					
	1	V							T	1		51				7	7	$\dashv$	+	Ħ	- 1		101	_	$\dashv$	$\dashv$	$\dashv$	_
	2	7								]		52						$\neg$					102		寸	$\neg$	╅	_
	3	~								] '		53							T	П	,		103	$\neg$	$\neg$	ヿ	$\neg$	_
	4	2										54								П			104	╗	コ	ヿ	$\neg$	$\overline{}$
	5	V	_	_	_	_	_					55					T				-1		105		$\neg$	$\neg$	$\top$	
<u> </u>	6	V	_	_								56											106	П	T	$\neg$		
	7	V	_	_	_	_		$\perp$	$\perp$			57									- 1		107	$\exists$	$\neg$	$\neg$	$\neg$	_
<u> </u>	8	Ш	4	_	_		1	_	$\perp$	ļ		58	Ш								[		108			T	$\neg$	
	9		_	4	4	1	_	4		1		59			$\perp$								109				Т	П
	10	Ш	_	4	_	4	$\perp$	$\perp$				60								Ш	Į		110		П	П	$\exists$	
	11	$\square$		4	4	_	4	_		1		61					$\perp$			Ш			111	$\Box$				٦
<u> </u>	12	$\sqcup$	_	4	4	4	_	$\perp$	↓_			62						$\perp$	L		[		112					٦
<u> </u>	13		-	4	-	4	4	$\perp$	_			63		_	$\perp$		_ _						113		Ţ	$\Box$		
	14		_	$\perp$	4	$\perp$	+	- -	٠.	1	$\sqcup$	64		_	4	_	4			Ш			114				$\Box$	$\Box$
<u> </u>	15	-	-	4	-	+	-	$\perp$	_	]		65	[	_	_	4	4		<u> </u>	Ш	- [		115					$\Box$
<u> </u>	16	Н	-	4	4	_	_	$\perp$				66	_	_	$\perp$				1_	Ш			116					
	17 18	$\vdash$	-	+	+	+	+	4-	+		$\sqcup$	67	_	4	4	_	4	-	_		ļ		117	$\perp$	$\perp$	$\perp$	$\perp$	
<u> </u>	19	-+	$\dashv$	-	4	+	+	+	+			68	_		4	_	4		_	Ш			118	_		$\perp$	$\perp$	
<u> </u>	20		+	+	+	+		+	┥—	1 1		69	$\dashv$	_	4	_ .	4	Щ.	<u> </u>		`		119	$\perp$		$\perp$	$\perp$	
	21		+	+	+-	+	+	+	╁			70	-+	4	-	4	+		↓	Ш	-		120	_	$\dashv$		$\bot$	_
	22	+	$\dashv$	+	+	+	+	+	+			71	_	4	4	+	-	4	↓_	Щ	-		121	$\dashv$	4	_	_	
-	23	╛	+	+	+	+	+	╁	+			72	-	4	4		+	- -	<u> </u>		-		122	4	4	4	$\perp$	4
<u> </u>	24	-	+	+	+	+	+	+	+		-	73		_	-	+	+	+	-	$\blacksquare$	<u> </u>		123	4	4	4	4	4
-	25	$\dashv$	+	+	+	+	+	+-	┿			74	-	-	+	+	-	+-		_	ŀ		124	4	4	4	4	
	26	-	+	+	+	+	+	+	+		-	75	-	+	-	+	-		<del> </del>	_	ŀ		125	4	4	4	$\perp$	4
-	27	$\dashv$	+	╁	+	+	+	╁	+			76 77	+	-+	+		+		$\vdash$	_			126	$\dashv$	_	4	_	4
<del></del>	28	$\dashv$	+	+	+	+	+	╁	+		$\dashv$	78		+	+	+	+	-	├-	-	.  -		127	+	+	$\bot$	4	4
	29	$\dashv$	+	+	┿	+	+	+	╁			79	$\dashv$	-+	+	+	+	-	Н		H		128	4	4	+	+	4
	30	+	+	+	+	+	+	+	1			80	+	+	+	+	-	+	Н		ŀ		129	+	+	4	+	4
$\vdash$	31	$\dashv$	+		╁	+	+-	╁	1-	ŀ	-+	81	+	+	+	+-	+	+-	Н		H		130	+	+	+	+	4
	32	$\dashv$	+		+	+	+	+-	+	<b> </b>	-+	82	+	-+	+	+	+	+-	$\vdash$		⊢		131 132	+	+	+	+	+
	33	$\dashv$	+	+	╁	+	十	+	+		-	83	+	+	+	┰	+	+-	Н		H		133	+	+	4-	+	+
	34	7	╅	+	+	+	+	+	H	`		84	+	+	+	╁	╫	+	Н	$\dashv$	╁	-+	134	╁	+	+	+	+
	35	十	Ť	+	+	╈	+	+	$\vdash$	ŀ		85	$\dashv$	+	-	+	+	+-	Н	$\dashv$	⊢	-	135	+	+	+	+	+
	36	$\top$	$\top$	_	+-	+	+	╁	T	ŀ		86	+	+	+	+	+		H		·H		136	+	+	+	+	+
	37	T	+	T	+	$^{\dagger}$		T	$\vdash$	ŀ		87	+	+	+	╁	+	-	┢┈╢	$\dashv$	┝	-	137	+	+	+	+	+
	38	7	1	$\top$	†	$\top$	1	†	$\vdash$	f		88	+	+	+	┪	+	+	$\vdash$	$\dashv$	ŀ	-	138	+	+	- -	+	+
Ħ	39	1	$\top$	╁	†	十	_	†	Н	-		89	$\dashv$	+	+-	╁	+	+	$\vdash$	-1	$\vdash$	-	139	+	+-	+	+	+
	40	1	1	1	$\top$	+	┪	1	$\Box$	ı		90	+	+	╅	+	╁	+	$\vdash$	-	⊦		140	┿	╁	+	+-	+
	41	$\top$	┰		┰	T	1-	T	$\vdash$	-		91	+	+	+	╁	+	+	H	-1	H	-	141	+	+	+-	+	+
	42		T	$\top$	T	T	1	1	П	l		92	+	+	+	+	+	+	$\vdash$	$\dashv$	卜	+	142	+	+	+	+	+
	43		1	$\top$	T	T	1	1	П	r		93	T	+	+	+	$\top$	+-	H	$\dashv$	$\vdash$	+	143	+	+	+-	+	+
	44					T	1		П	Ė		94	+	$\top$	†	+	+-	+-		$\dashv$	$\vdash$		144	+	+	╁	+	+
	45	I	f	Ι	$\perp$	Ī		Ι-		٦		95	$\top$	$\top$	$\top$	$\top$	$\top$	$\top$	$\vdash$	$\dashv$		1.	145	十	+	+	+	+
	46	$oldsymbol{\mathbb{T}}$	I		1	I			П	٢		96	$\top$	$\dashv$	$\top$	+	✝	1	$\Box$	$\neg$	-		146	+	+	+	+	+
	47	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$	I	Τ	Ι	Γ	Ι		П			97	$\top$	$\top$	1	1	1	$\top$	H	$\dashv$	$\vdash$	<del>-  -</del>	147	+	+	+	+	+
	48		Ι	I	$\Gamma$	Γ	$\prod$					98	7	$\top$	丁	Ť	$\top$	T	$\sqcap$	$\dashv$	r		148	十	+	+	+	$^{\dagger}$
	49	$oldsymbol{\perp}$	Ι	$\perp$	L	Γ				Γ		99		T	$\top$	T	$\top$	T	$\Box$	_	$\vdash$		149	$\top$	+	+	+	†
	50	$\perp$				Γ					1	100	T	J			$\top$			╗			150	$\top$	$\top$	十	+	十
			_							_											_		<del></del>		ч.		—	